

**ABSTRACT OF THE DISCLOSURE**

- 5           A fluid flow bolt system for allowing fluid to flow about a threaded fastener when secured within a component. The fluid flow bolt system includes a solid shaft having an inner end and an outer end, a head attached to the inner end of the shaft, a plurality of channels extending within the outer surface of the shaft, and threading extending into the shaft. The depth of the channels is sufficiently greater than the
- 10   depth of the threading grooves to allow for the passage of fluid through the channels when the bolt is threadably secured within a component. The channels preferably have a spiral pattern to allow for clean threading of the shaft.